National Aeronautics and Space Administration

Facilities Support Center

A NASA Dryden Flight Research Center publication highlighting progress of the new building Vol. 1 No. 3

ED12 0162-234 **NASA /Tom Tschida**

Work on the Facilities Support Center is going well and the construction remains on schedule for completion this summer.

FSC is taking shape

By Jay Levine
X-Press editor

Progress is steady on the new $11.2 million Facility Support Center at NASA Dryden Flight Research Center on Edwards Air Force Base, Calif.

"The project is going very well and schedules are on target. We expect to have the FSC complete this summer as we planned," said Gemma Flores, Dryden architect and FSC project manager.

Structural steel work is complete and underground

infrastructure and masonry work is finished on the 38,000-square-foot structure.

Challenges with a shallow main water line to a fire hydrant delayed site grading, which is now complete, Flores said. Next will be the addition of the concrete driveways.

The facility is more than halfway complete now, and work is nearly complete on the steel decking and laying out the mechanical ducting.

For those working on site, it's possible to look through the recently installed windows to see the locations of interior walls taking shape.

The building will provide office and technical spaces for Dryden's Facilities Engineering and the Asset Management Office. The Safety, Health and Environmental Office also will reside in the FSC. This structure will replace several obsolete and inefficient facilities at the center.

The plan for the FSC includes office space, conference rooms, restrooms and shower/changing facilities, workshops, a storage mezzanine and laboratories.

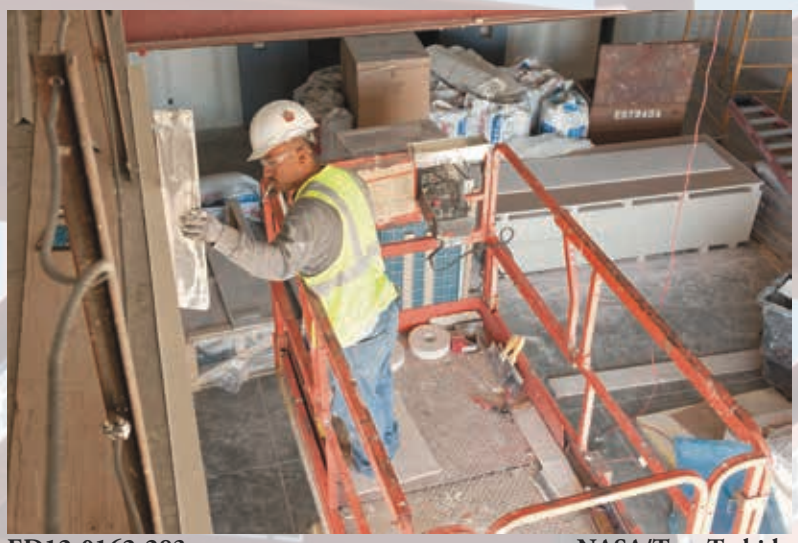
The structure is designed to meet the Leadership in Energy and Environmental Design, or LEED, platinum certification standard for environment and energy efficiency – the highest environmental rating for a building. Based on building energy consumption simulations, Dryden facilities engineers forecast that energy consumption will be reduced about 36 percent compared to conventional construction.

If Dryden successfully obtains the LEED platinum certification for the Facilities Support Center, it would be the first platinum certified building at the center.

The Development One architectural firm of Santa Ana, Calif., designed the building. Comfort and Hays Electric Inc. of Long Beach, Calif., and its subcontractors are building the structure. The contract for the construction was awarded in November 2011 and the groundbreaking ceremony took place on Feb. 23, 2012.

ED12-0162-214 **NASA/Tom Tschida**

A crew works on the roof of the Facilities Support Center.



ED12-0162-283 **NASA/Tom Tschida**

A worker evens out the plaster on a FSC wall.

ED13-0162-239 **NASA/Tom Tschida**

This view from the rear of the facility shows window installation.

For additional information, contact Gemma Flores, facility project manager, at 661-276-2817.